

ABSTRACT OF THE DISCLOSURE

A manufacturing method of minute metallic spheres of the present invention comprises a heating means for heating and melting a metal to form a metallic sphere, a measurement means for measuring the injected molten metal into a predetermined volume, and a cooling means for cooling the molten metal discharged from the measurement means, to a temperature less than the melting point. The measurement means has a gauger of a predetermined volume in which the molten metal is injected, and is constructed such that the molten metal is cut by rubbing by the predetermined volume by sliding this gauger in contact. The molten metal is injected in the gauger of the predetermined volume to measure, and the measured molten metal is discharged from the gauger to cool to a temperature less than the melting point, and solidified into a sphere in the cooling process.